

CENTRAL INTELLIGENCE AGENCY  
INFORMATION REPORT

SECRET  
SECURITY INFORMATION

50X1-HUM

|                |                                                                                  |                 |                 |
|----------------|----------------------------------------------------------------------------------|-----------------|-----------------|
| COUNTRY        | USSR (Moscow Oblast)                                                             | REPORT          |                 |
| SUBJECT        | Additional Information on Soviet Electronics Production, Institute 160, Fryazino | DATE DISTR.     | 3 November 1953 |
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THE APPRAISAL OF CONTENT IS TENTATIVE.  
(FOR KEY SEE REVERSE)

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REPORT [redacted]

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SUPPLEMENT TO  
REPORT [redacted]

DATE OF [redacted]

THIS IS UNEVALUATED INFORMATION

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[redacted]

1. [redacted]

The production of valves during the years 1946-48, when Dr. STEIME  
/STIB/ [redacted] still working in planning, was about 100,000 per  
month. At this time the plant had about 1,000 employees. In 1952,  
after the number of employees had increased about six times and the  
number of machines about five times, [redacted] the plant was  
producing about 500,000 good valves per month, or about 20,000 per  
day. This figure is exclusive of rejects.

2. [redacted]

3. [redacted]

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3. [redacted] the production estimate for Fryazino conservative, even when taking into consideration the fact that there were many rejects of some valves, as for instance the 6AK5, of which about 50 per cent were rejects.

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4. [redacted]  
5. [redacted]  
6. [redacted]

Three centimeter klystrons were produced at the Svetlana factory in Leningrad. [redacted]

7. [redacted]  
[redacted]  
[redacted]

[redacted] economics, or more specifically costs, is of no significance to the Soviets whenever they become interested in the production of a certain item. In other words, they are willing to produce 300,000 items and reject 200,000 in order to secure 100,000 usable items.

S E C R E T